

State of New Jersey  
 Department of Environmental Protection  
 Solid Waste Administration  
 P.O. Box 2807  
 Trenton, New Jersey 08625

## Industrial Waste Survey

Please Type or Print

Date September 12, 1977

1. Name of Firm (or Establishment) KEUFFEL & ESSER COMPANY
2. Mailing address FORD ROAD
3. City or Town ROCKAWAY County MORRIS Zip Code 07866
4. Location (if not as above) \_\_\_\_\_
5. Telephone number: Area Code (201/609) 285-5301 (Mr. Wm. O. Lewis) Plant Manager
6. Name and Title of person completing form Mr. P. Cerria, Environmental Control Chemist
7. Name and Title of chief executive of firm Mr. T. R. Nye, President
8. Industry type: Manufacturing ☒ Storage/Break Bulk \_\_\_\_\_ Distribution \_\_\_\_\_ Other \_\_\_\_\_  
 (Specify)
9. S.I.C. Number (5 Digit) 2641 10. Number of employees 125
11. Principal products manufactured, stored, processed or sold Diazo blue print paper & film;  
Tracing Paper; Microfilm Aperture Cards; Sensitized Film; Converting  
Department.
12. Does your operation produce industrial wastes\* having any of the following properties  
 and/or constituents: Flammable-chemical, Corrosive, Explosive, Carcinogenic, Infectious, Radioactive,  
 Heavy Metals, Halogenated Hydrocarbons, Generates Pressure,  
 Irritant, Sensitizer, Toxic, Mutagenic, Teratogenic, Special Handling Requirements.
- Yes ☒ No \_\_\_\_\_

If you answered Yes to Item 12, please complete the remainder of the form

If you answered No to Item 12, please return partially completed form.

\*Any discarded materials resulting from industrial or commercial processes including all liquid, semi-liquid,  
 or solid wastes and containers contaminated with process materials, but exclusive of non-process wastes,  
 such as on-site cafeteria, office paper wastes, or NPDES discharges.

535441



*Mr. Patrick Cerria  
 Please complete mail*

## 13. Current Industrial Waste Characteristics and Management Practices

Process (General)	Associated Waste	Estimated Quantities			Constituents of Waste Wet Basis		Physical State 1-5	Waste Properties 6-18	Storage Prior to Disposal 19-25	Special Handling 26-30	Treatment Prior to Disposal 31-58	Frequency of Disposal 59-65	Disposal Point 66-67	Disposal Method 68-77	Remarks
		Tons/Yr	Cu Yds/Yr	Gal/Yr	% Major Constituents (incl. water)	"Hazardous Constituents" ppm									
1. Sensitized Aqueous	1. Plastic Salts (Sensitizers)	19	22	—	0.89	ZN 5000 PPM	2	9, 14	23	27	41, 48	61	67	81	Treatment Facility
Coating Paper Process	2. Water	2077	2417	488171	98.91%	--	2	9	23	27	41, 48	61	67	81	"
	3. Silica + Pre coat	4.1	4.8	—	0.20	--	1	9, 12	23	27	41, 48	61	67	81	"
	/														
2. Organic Coating Paper Process	1. Pigment Grind	0.14	0.16	33	0.15		1	12	23 Control Fill	27	NONE	62	67	78	
	2. Organic Solvents	76.92	108.92	22,002	99.85		2	11	23 Control Fill	27	NONE	62	67	76	
3. Sensitized Organic Coating Film Process	1. Pigment Grind	.02	.02	5	0.25		1	12	23 Control Fill	27	NONE	62	67	78	
	2. Organic Solvents	6.56	9.70	1960	99.75		2	11	23 Control Fill	27	NONE	62	67	76	
4. Aperture Card Process	1. Paper Pulp	1.45	1.73	349	0.83		3	14	23	27	NONE	62	67	78	
	2. Water	173.5	206	41651	99.17		2	14	23	27	NONE	62	67	78	
5. Converting Process	1. Paper	167	225.33	--	70%		1	11	25 compactor	30 NONE	31	61	67	77	
	2. Film	72	96.57	--	30%		1	11	25 compactor	30 NONE	31	61	67	77	

## Notes:

- Please refer to insert (Key list and completed sample of the table) for guidance.
- Please use the keys for guidance in completing Item No. 13. Use one or more key numbers, as appropriate, when completing each section of the table.

#### 14. On-Site Disposal Facility

(No on-site disposal) \_\_\_\_\_

Landfill or land disposal \_\_\_\_\_ Incinerator \_\_\_\_\_ Other \_\_\_\_\_ (Specify) \_\_\_\_\_

Associated waste numbers, from Item 13 \_\_\_\_\_

Description of Facility \_\_\_\_\_

If on-site landfilling or land disposal has ever been used, indicate years of use (19\_\_\_\_ to 19\_\_\_\_).

## 15. Off-site Disposal Facility

(No off-site disposal) \_\_\_\_\_

Landfill or land disposal X Incinerator \_\_\_\_\_ Ocean \_\_\_\_\_ Other X (Specify) Treatment Facility

Associated waste number, from Item 13 Nos. 2, 3 & 4 Landfill -#1 Treatment

Description of facility Neutralization & Separation - (Treatment)

Location: City or Town South Kearny County Hudson Zip Code 07032

Name of Hauler R&R Sanitation Service, Inc.

Address of Hauler Box 422 RD4

Alternatives for ocean disposal

If off-site disposal practices have been changed in the past 12 months, indicate names and addresses of

~~XXXXXXXXXXXXXXXXXXXX~~ HAULER FOR CONVERTING MATERIAL:

# MORRIS COUNTY SANITATION

ASSOC. WASTE NUMBER - #5

## 16. New Industrial Wastes

Do you expect to produce new types of waste during the next calendar year (as a result of water pollution or air pollution controls, plant expansion, change of product, process modification, etc.). Yes\_\_\_ No X

**If yes, please indicate:**

**General process** \_\_\_\_\_

Associated waste \_\_\_\_\_

Quantity \_\_\_\_\_ Units \_\_\_\_\_

Constituents of waste \_\_\_\_\_

**Method of disposal** \_\_\_\_\_

WASTE SURVEY KEYSPhysical State

(1-5)

1. Solid
2. Liquid
3. Slurry
4. Sludge
5. Containerized gas

Waste Properties

(6-18)

6. Carcinogenic
7. Mutagenic
8. Teratogenic
9. Corrosive
10. Explosive
11. Flammable
12. Irritant
13. Strong Sensitizer
14. Toxic
15. Radioactive
16. Infectious
17. Requires Special Handling
18. Other (Specify)

Storage Prior to Disposal

(19-25)

19. Open Yard
20. In Building
21. Barrels or Drums (Metal)
22. Barrels or Drums (Non-Metal)
23. Tanks or Silos (Closed)
24. Pits, Lagoons, Open Tanks
25. Other (Specify)

Special Handling

(26-30)

26. Specialized Personnel
27. Protective Clothing
28. Special Equipment
29. Special Materials
30. Other (Specify)

Treatment Prior to Disposal

(31-58)

Volume Reduction

31. Compacting
32. Composting
33. Crushing
34. Digestion
35. Evaporation
36. Incineration
37. Lagooning
38. Shredding

Treatment ProcessesPhysical

39. Adsorption
40. Clarification
41. Filtration
42. Flocculation
43. Flotation
44. Gravity Separation

Chemical

45. Coagulation & Chemical Precipitation
46. Ion Exchange
47. Membrane Processes
48. Neutralization
49. Oxidation-Reduction
50. Precipitation

Biological

51. Activated Sludge
52. Anaerobic Digestion
53. Oxidation Ponds
54. Trickling Filters

Reclamation Processes

55. Material Recovery
56. Energy Recovery
57. Recycle of Waste
58. Other Treatment Process (Specify)

Frequency of Disposal

(59-65)

59. Continuous
60. Daily
61. Weekly
62. Monthly
63. Quarterly
64. Annual
65. Random (spills, etc.)

Disposal Points

(66-67)

66. On-site Disposal
67. Off-site Disposal

Disposal Method

(68-81)

68. Composting
69. Evaporation
70. Holding Tank or Pond
71. Incineration
72. Injection Well
73. Land Burial
74. Land Spreading
75. Ocean
76. Recycling
77. Sanitary Landfill
78. Chemical Landfill
79. Surface Water
80. Hauled to unknown location
81. Other (Specify)

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE ADMINISTRATION  
INDUSTRIAL WASTE SURVEY

GENERAL INSTRUCTIONS

- (1) This questionnaire should be completed by that technical person or persons most familiar with the plant processes and the associated process wastes. Answers should be given to the best of your knowledge and belief.
- (2) If additional forms are required, contact the New Jersey Solid Waste Administration office in Trenton. Please complete a separate questionnaire for each branch facility producing waste within New Jersey. If additional space is required to complete Question 13, please reproduce that page.
- (3) Question 13 - In determining "hazardous constituents" of each waste use the definition included in Question 12 for guidance, but do not include those items reflected in preceding column.
- (4) Questions 14 and 15 - If more than one disposal facility is utilized, please supply the requested information for each facility using additional sheets.
- (5) Question 16 - If you anticipate producing more than one new waste stream, please supply the requested information for each waste stream using additional sheets.